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|  |  |                      |                             | Application Number | 10/785,623 <del>788</del> |            |
| Sheet  |  | 1                    | of                          | 1                  | Attorney Docket No.       | TI-34717.1 |
|  |  | Filing Date          | 2-24-04 <del>March 11</del> |                    |                           |            |
|  |  | First Named Inventor | Kalping Liu                 |                    |                           |            |
|  |  | Group Art Unit       | 2813                        |                    |                           |            |
|  |  | Examiner Name        | Chandra P. Chaudhari        |                    |                           |            |

| U.S. PATENT DOCUMENTS |                       |                      |                                   |   |   |   |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|---|---|
| Exam. Initials*       | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Doc. | Date of Pub. of Cited Doc. (mm-dd-yyyy) | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |                       | Number               | Kind Code <sup>2</sup> (if known) |   |   |   |
| CC                    | AA                    | 2002/0068409         |                                   | Chou et al.                                 | 6/6/2002                                |   |
| CC                    | AB                    | 6,437,406            |                                   | Lee   | 8/20/2002                               |   |
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|                       | AH                    |                      |                                   |   |   |   |
|                       | AI                    |                      |                                   |   |   |   |
|                       | AJ                    |                      |                                   |   |   |   |
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| FOREIGN PATENT DOCUMENTS |                          |                         |                     |                                      |   |   |  |                |
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| Exam.<br>Initials*       | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee<br>or Applicant of<br>Cited Doc. | Date of Pub.<br>of Cited Doc.<br>(mm-dd-yyyy) | Pages, Columns, Lines, Where Relevant Passages or<br>Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>2</sup><br>(if known) |   |   |  |                |
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| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                       |   |  | T <sup>2</sup> |
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| Exam. Initials*                                   | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |                |
| CC  | CA                    | SCOTT THOMPSON ET AL., "MOS Scaling: Transistor Challenges for the 21 <sup>st</sup> Century" Intel Technology Journal, Third Quarter, 1998, pp. 1-19  |  |                |
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|   | CF                    |   |  |                |
|   | CG                    |   |  |                |

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|--------------------|-------------------|-----------------|------|
| Examiner Signature | Chandra Chaudhari | Date Considered | 7-05 |
|--------------------|-------------------|-----------------|------|

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